



Curriculum Vitae



Company: Advanced Software Development & Consulting GmbH
Name: Preben B. Hansen
Title: M.Sc. (EE), B.Sc. (Comm.),
 Senior Software Engineer and Senior Consultant

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Date of birth: 26. September 1962

Civil status: Swiss married since 1999, two children.

Nationality: Danish

Languages: English (Fluently), German (Fluently), Danish (Fluently) (+ French, Spanish)

Work permit: C (Settlement permit)

Introduction: After finishing his M.Sc. studies at the Technical University of Denmark in September 1986, Preben Hansen started working in the Danish IT industry as system analyst and developer. Until 1994 Preben Hansen worked in the computer communication industry being responsible for analysis, design and implementation of various network management systems, in the last years also as project leader.

In 1994, Preben Hansen joined COREBIT Switzerland starting as Senior Consultant on client/server projects in Switzerland. Since 1996 Preben Hansen also has had middle management responsibilities for one of the consultant groups (12 - 15 consultants) in COREBIT Switzerland.

In 2000, he was elected president of the Sybase & PowerBuilder User Group, Switzerland, and in 2001, Mr. Hansen left COREBIT and started doing freelance jobs through the company RakSoft Consulting.

End of 2001, Mr. Hansen registered his own company, Advanced Software Development & Consulting GmbH, and since doing database and software development projects for trading, finance and IT companies plus public services.

Mr. Hansen achieved the Microsoft C# .NET MSCD certification already back in 2003.



Education:	
1986 - 1990	Bachelor of Science in Business Administration, Aalborg University
1985	Mathematical Logic, University of Copenhagen
1981 - 1986	Master of Science (Electro-, Software-), Technical University of Denmark
1979 - 1981	Gymnasium (Viby near Aarhus in Denmark).
1970 - 1979	9 years primary and secondary school (Højbjerg near Aarhus in Denmark).

Certifications:	
2003	Analyzing Requirements and Defining Microsoft .NET Solution Architectures
2003	Microsoft Certified Professional C# ASP.NET application developer
2003	Microsoft Certified Professional MS SQL 2000 Design and Implementation
2003	Microsoft Certified Professional C# .NET XML Web Services developer
2003	Microsoft Certified Professional C# .NET Windows application developer
1998	Certified PowerBuilder 5 Professional
1996	Certified PowerBuilder 4 Professional
1996	Certified Sybase Professional DB Administrator
1996	Certified PowerBuilder 4 Associate

Courses:	
2020	Microsoft PowerBI Dashboards, Rödl & Partner, Nürnberg (online)
2018	Java Fundamentals: The Core Platform, PluralSight
2017	Oracle Database 12c Performance Tuning and Optimization, PluralSight
2016	C# 6.0 First Look, LinkedIn
2016	AngularJS (Get Started) + MicroService Architecture, PluralSight
2016	JavaScript for Experienced Developers, MS Level 200, MS Virtual Academy
2015	Apeon Advanced Training, Zurich
2013	Apeon Mobile Workshop, Zurich
2013	Microsoft Team Foundation Server (Scrum, Bug Tracking, Source Control), Zurich
2012	PowerBuilder 12.5 and .NET Windows Communication Foundation (WCF), Zurich
2011	PowerBuilder 12 .NET Workshop, Zurich
2010	Test Driven Development, Zurich
2010	PowerBuilder 12 and .NET Windows Presentation Foundation (WPF) Controls, Zurich
2006	OOP Using .NET 2.0 Design Patterns, Zurich
2004	EMC Centera Application Programming using the EMC Centera API, Lucerne
2003	Developing and Implementing ASP.NET Applications with MSVS C# .NET, Lucerne
2003	Developing and Implementing XML Web Services with MSVS C# .NET, Lucerne
2003	Developing and Implementing Windows-Based Applications with MSVS C# .NET, Lucerne
2002	Programming MS .NET, Zurich
2001+2002	XML Introduction + SOAP, XML and Sybase EA Server 4, Zurich
2000	HTTP, IIOP, CORBA, J2EE, JSP, EJB, XML, and Sybase EA Server 3.6, Zurich
2000	Project Management, Basel
1999	Contingency Management, Copenhagen
1999	Personal and Professional Communication Skills, Copenhagen
1999	Teambuilding, Training and Coaching, Copenhagen
1998+1999	SAP ABAP/4 Development + Dictionary, SAP Interfaces for Data Upload, Rel. 4.0, Zurich
1998	Sybase/PowerBuilder Conference in Hamburg
1996+1997	Swiss Sybase/PowerBuilder Conference in Lugano
1996	Sybase/PowerBuilder Conference in Paris
1995	PowerBuilder - Mastering Datawindows, London
1995	Sybase Performance and Tuning - System 10, Copenhagen
1994	Personal and Professional Communication Skills, Basel
1994	PowerBuilder 3 Introduction, Copenhagen
1994	Sybase System 10, Copenhagen
1992	Course for Board of Directors, Copenhagen
1991	Unix Shell and C Programming, Copenhagen
1990	Sybase System and Database Administration, Copenhagen
1990	Sybase Performance and Tuning, Copenhagen
1989	Logical and Physical Design for Relational Databases, London

Employments:	
2006 -	President of the Swiss PowerBuilder User Group
2002 -	Consulting by Advanced Software Development & Consulting GmbH, Switzerland
2001 - 2002	Consulting by RakSoft Consulting.
2000 - 2002	President of the Sybase & PowerBuilder User Group, Switzerland
1998 - 2001	Consulting Manager by COREBIT SYAP/TPI AG with responsibility for consultants (education, salary, etc.), recruitment, and for extension of contracts with clients.
1996 - 1998	Senior Consultant and Group Leader by COREBIT SYAP/TPI AG.
1994 - 1996	Senior Consultant by SYAP AG.
1989 - 1994	Senior Engineer by Dantel A/S.
1986 - 1989	Software Engineer by Christian Roving A/S of 1984 (bought by Alcatel in 1987, bought by BBN Communications in 1988).
1984 - 1986	Assistant teacher at Institute of Computer Science, Technical University of Denmark.
1985	Assistant teacher at Institute of Telecommunication, Technical University of Denmark.

Projects (selection):	
2019 – 2023	Client: Paul Scherrer Institute Project: Dosimeter Administration Tools: PowerBuilder 12.5 – 2019R3, Oracle 12c Roles: Programming, Test
2007 – 2023	Client: Glencore International AG, Baar Projects: Commodity Traffic and Trading System, Corporate Data Warehouse System Tasks: Contract modelling, Material Price calculation, Derivative Deal modelling, Reporting (Inventory, Exposure, Valuation, P/L, Accruals). Tools: PowerBuilder 10.5 - 2022, Oracle 9 - 19c, MS VS2013 C# .NET, TOAD, SAP Roles: Analysis, Design, Programming (PowerBuilder, C# .NET, ASP.NET, PL/SQL), Test

2019	Client: Canton Valais Tasks: Applications upgrade to PB 2017 and resolution of issues.
2005 – 2006, 2011 2013 – 2021	Client: Autin AG Project: Eurotax, SilverDat and Audatex Webservice Clients Tools: MS Visual Studio C# .NET 2003/2008/2013/2015, XML, Win2k/XP/Win7/Win8/Win10 Roles: Analysis, Design, Programming, Test, Project management
2007 – 2009	Client: Informatio Project: EMC Delayed Replication (Windows Service) Tools: MS Visual Studio C# .NET 2005, EMC Centera API, MS Win2k/XP/Vista Roles: Analysis, Design, Programming (multi-threaded), Test
2008	Client: Intergraph GmbH, Deutschland Project: EMC Document Archiving and Logging Libraries Tools: MS Visual Studio C# .NET 2005, EMC Centera API, MS XP Roles: Design, Programming (multi-threaded), Test
2007	Client: ETH Zürich Project: Diploma Image Archiving (Windows Service) Tools: MS Visual Studio C# .NET 2003, Oracle 10g, MS Win2k/XP Roles: Design, Programming, Test
2003 – 2006 2011, 2014 - 2015	Client: ETH Zürich Project: WinClient, Rules Maintenance, Exam Registration and Result Administration Tools: PowerBuilder 7/9/11.5/12.5, PFC library, Oracle 8i/10g PL/SQL, MS XP/Vista/Win7 Roles: PowerBuilder and stored procedure programming and test
2006 – 2007	Client: Bank for International Settlements, Risk Control Project: Pricing Information Capture for Risk Analysis Tools: PowerBuilder 10.5, PFC library, Sybase ASE 12.5, PowerDesigner 12, WinXP Roles: PowerBuilder and stored procedure programming and test
2005, 2007	Client: EMC Computer Systems AG / Die Post (Schweiz) Project: EMC Centera Application Tools: EMC Centera API, Eclipse, Java, Sun Solaris Roles: Analysis, Education, Programming, Programming Quality Assurance
2004 – 2005	Client: Fantastic Solutions GmbH Project: EMC Centera Archiving Application Server Tools: MS Visual Studio C# ASP.NET, PowerDesigner, MS SQLServer 2k, Win2k Roles: Analysis, Architecture, Database and Software Design, Programming, Test
2003 - 2004	Client: ASDC GmbH Project: EMC Centera .NET API Tools: MS Visual Studio C# .NET, EMC Centera SDK Roles: Analysis, Architecture, Programming, Test
2002 - 2003	Client: Advanced Software Development & Consulting Project: Converting C++ Application to C# .NET Tools: MS Visual C# .NET, Power++ 2.5, PowerDesigner 6.1, MS SQLServer 2k, Win2k Roles: Analysis, Programming, Test
2002	Client: ExperTeam AG, Nidau Project: Stock Management and Logistic Tools: PowerBuilder 7 and PFC, Sybase EAServer 3.6, PowerDesigner 6.1, Oracle 9, XP Roles: Programming, Test, Documentation.
2002	Client: ESSO Schweiz GmbH, Zürich Project: Archiving of Database Information as XML Tools: PowerBuilder 7, MS SQLServer 2000, NT4 Roles: Analysis, Application Design, Programming, Test, Documentation.
2001 - 2002	Client: Spengler Mode AG, Basel Project: Product Shipping and Wireless Material Registration and Inventory Tools: PowerBuilder 8 and PFC, PowerDesigner 6.1, MS SQLServer 2k, Win2k, SAP Roles: Analysis, Database and Application Design, Programming, Test, Installation and Documentation.
2001 – 2002, 2011	Client: Commercial Treuhand und Verwaltung AG, Zürich Project: Investment Banking and Fonds Management Tools: PowerBuilder 7 and PFC, PowerDesigner 6.1, MS SQLServer 7, Win2k Roles: Analysis, Database and Application Design, Programming, Test and Installation.
2000	Client: ESSO Schweiz, Zürich Project: Customer Dunning Tools: PowerBuilder 7, MS SQLServer 7, ERWin 3.5, NT4 Roles: Project Management, Analysis, Database and Application Design, Programming, Test.
1999	Client: Aster AirServices, Zug Project: Aviation Customer Invoicing Tools: PowerBuilder 6.5, Sybase SQL Anywhere 5, PowerDesigner 6, Win98 Roles: Analysis, Database and Application Design, Programming, Test, Documentation.

1998 – 2000	Client: ESSO Schweiz, Zürich Project: Standard SAP Financial and Transaction Interfaces to Legacy Systems Tools: Distributed PowerBuilder 6.5, MS SQLServer 6, ERWin 2.6, SAP, Win95 Roles: Project Management, Analysis, Database and Application Design, Programming, Test
1995 – 1998	Client: ESSO Schweiz, Zürich Projects: Freight Invoice Contro, European Card Transaction Processing, Aviation Customer Invoicing Tools: PowerBuilder 4, 5 and 6, MS SQLServer 4.2 and 6, ERWin 2.6, HOW, Win95 Roles: Project Management, Analysis, Database and Application Design, Programming, Test.
1995	Client: Maersk Line, Copenhagen Project: Freight Analysis and Optimisation System Tools: PowerBuilder 4, Sybase 10, PowerDesigner, Win95 Roles: Project Management, Analysis, Design, Database and Application Design, Programming, Test, Documentation.
1994 - 1995	Client: Taloca, Zug Project: Commodity Trading System Tools: PowerBuilder 3, Oracle 7, Win3.1 Roles: Analysis, Database and Application Design, Programming, Test, Documentation.
1994	Client: UNICEF, Copenhagen Project: Sybase and PowerBuilder Instructor Role: Instructor on a two weeks Sybase 9 and PowerBuilder 3 course for 25 people.
1993 - 1994	Client: CR Systems, Copenhagen Project: SNMP Agent and SNA Configuration Tool Tools: MS Visual C++, DOS Roles: Analysis, Application Design, Programming, Test, Documentation.
1991 - 1993	Client: BBN Communications, Copenhagen Project: Network Management System for Delta Airlines Tools: C, SUN/Solaris, Sybase SQLServer 9 Role: Project Management, Analysis, Database and Application Design, Programming, Test, Documentation.
1986 - 1990	Client: BBN Communications, Copenhagen Project: Network Management System Modules Access Control, Operator's Interface, Status and Statistics, Configuration, Graphical Overview Tools: Pascal, RDBMS, Mainframe OS Roles: Project Management, Analysis, Database and Application Design, Programming, Test, Documentation.

Skills Summary:		Level
Programming languages and development tools	PowerBuilder (certified PB professional in 1998), Version 3 – 2022. MS Visual Studio C# .NET (certified MCAD and MCSA in 2003) Database stored procedures/packages (Sybase, MS SQLServer, Oracle) PowerDesigner and ERWin database modeling C# .NET, ASP.NET (certified MCSA in 2003), C / C++ XML Java Source Control Systems (StarTeam, Harvest, PVCS, CVS, MS TFS, Git) EMC Centera API SCRUM Framework	Expert Very good Very good Very good Good Good Basic Good Very good Good
Databases and Development tools	Sybase (certified DBA in 1996) Version 4, 9, 10, 12.5 MS SQLServer (certified MCP in 2003) Oracle Version 7, 8i, 9i, 10g, 11g, 12c, 18c, 19c TOAD, SQL Developer, Sybase Central, Embarcadero	Good Good Very good Good
Operating systems	MS XP, Vista, Win7, Win10, Win11 SUN/Solaris (UNIX)	Good Basic
Analysis/ Design	Logical and physical database design Client/Server analysis and design Object Oriented analysis and design Requirements Analysis and .NET Solution Architecture (certified in 2003) User Interfaces UML	Good Good Good Good Good Good
Project mgt.	Experience from several small and mid size projects.	Good
Business Knowledge	Financial and Invoicing systems Material Management systems Oil and Commodity Trading systems Telecommunication systems	Good Good Very good Good